

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-22 (Cancelled)

23. (Currently Amended) A device comprising:

a processor;

[[a]] at least one memory coupled to the processor, the at least one memory including a software ~~stack to hold~~ including instructions to cause the processor to ~~handle~~ implement a wireless protocol;

a RF transceiver coupled to the processor; and

an interface coupled to the processor, the interface to receive signals from ~~an external device~~ a user equipment;

wherein the processor is to ~~handle~~ process the signals received from the user equipment ~~external device~~ over the interface; and

wherein the processor is further to ~~handle~~ process one or more short message service messages ~~delivered over~~ received through the RF transceiver, the short message service messages including modem management information.

24. (Previously Presented) The device of claim 23, wherein said modem management information comprises wireless modem configuration parameters.

25. (Currently Amended) The device of claim 23, wherein said modem management information comprises a command for a wireless modem to perform a function stored internally to the wireless modem.
26. (Currently Amended) The device of claim 23, wherein said processor ~~handles~~ processes the one or more short message service messages received ~~[[over]]~~ through the RF transceiver by parsing data from the one or more of the short message service messages, testing the parsed data for a modem management command indicator, and processing the short message service message ~~[[if]]~~ when the modem management command indicator is detected.
27. (Previously Presented) The device of claim 23, wherein said wireless protocol comprises a global system for mobile communications protocol.
28. (Previously Presented) The device of claim 23, wherein said wireless protocol comprises a general packet radio services protocol.
29. (Currently Amended) The device of claim 23, wherein the at least one memory holds modem management software to allow the processor to handle the one or more short message service messages including the modem management information ~~delivered over~~ received through the RF transceiver.
30. (Currently Amended) The device of claim 23, ~~coupled to a laptop computer with a serial cable~~ wherein the user equipment is external to the device.
31. (Currently Amended) The device of claim 23, wherein the interface comprises a receptacle to receive a line coupled to the ~~external device~~ user equipment.
32. (Currently Amended) A method comprising:

receiving a short message service message at a wireless modem;

examining the short message service message for modem management information;

processing the short message service message at the wireless modem [[if]] when the short message service message includes the modem management information; and

passing the short message service message through the wireless modem [[if]] when the short message service message does not include the modem management information.

33. (Previously Presented) The method of claim 32, said examining comprising:

parsing the short message service message; and

testing the parsed short message service message for a modem management command indicator, the command indicator indicating whether the short message service message includes the modem management information.

34. (Previously Presented) The method of claim 32, wherein said processing the short message service message at the wireless modem comprises initializing the wireless modem base upon the modem management information contained in the short message service message.

35. (Previously Presented) The method of claim 32, wherein said processing the short message service message at the wireless modem comprises checking a quality of a wireless signal detected at the wireless modem.

36. (Previously Presented) The method of claim 32, wherein said processing the short message service message at the wireless modem comprises handling a request for a call log history.
37. (Previously Presented) The method of claim 32, wherein said processing the short message service message at the wireless modem comprises selecting a RF Channel for wireless communications on the wireless modem.
38. (Previously Presented) The method of claim 32, wherein said processing the short message service message at the wireless modem comprises authenticating a party sending short message service messages to the wireless modem.
39. (Previously Presented) The method of claim 32, wherein said processing the short message service message at the wireless modem comprises initializing communication parameters for event detection and notification.
40. (Currently Amended) The method of claim 32, wherein said receiving the short message service message at the wireless modem comprises receiving the short message service message from a wireless Global System for Mobile communications (GSM) communication network.
41. (Currently Amended) A storage medium having stored thereon instructions to cause a processor to:
- examine a short message service message that is received at a wireless modem for modem management information;
- process the short message service message at the wireless modem when the short message service message includes the modem management information; and

pass the short message service message through the wireless modem[[if]] when the short message service message does not include the modem management information.

42. (Previously Presented) The storage medium of claim 41, wherein the instructions to examine further comprise instructions to cause the processor to:

parse the short message service message; and

test the parsed short message service message for a modem management command indicator, the command indicator indicating whether the short message service message includes the modem management information.

43. (Previously Presented) The storage medium of claim 41, wherein the instructions to process the short message service message at the wireless modem further comprise instructions to cause the processor to initialize the wireless modem based upon the modem management information contained in the short message service message.

44. (Previously Presented) The storage medium of claim 41, wherein the instructions to process the short message service message at the wireless modem further comprise instructions to cause the processor to check a quality of a wireless signal detected at the wireless modem.

45. (Previously Presented) The storage medium of claim 41, wherein the instructions to process the short message service message at the wireless modem further comprise instructions to cause the processor to handle a request for a call log history.

46. (Previously Presented) The storage medium of claim 41, wherein the instructions to process the short message service message at the wireless modem further comprise instructions to cause the processor to select a RF channel for wireless communications on the wireless modem.
47. (Previously Presented) The storage medium of claim 41, wherein the instructions to process the short message service message at the wireless modem further comprise instructions to cause the processor to authenticate a party sending short message service messages to the wireless modem.
48. (Previously Presented) The storage medium of claim 41, wherein the instructions to process the short message service messages at the wireless modem further comprise instructions to cause the processor to initialize communication parameters for event detection and notification.
49. (Currently Amended) The storage medium of claim 41, wherein the instructions to receive the short message service message at the wireless modem further comprise instructions to cause the processor to receive the short message service message from a wireless Global System for Mobile communications (GSM) communication network.
50. (Currently Amended) A device comprising:
- a laptop computer; and
- ~~a serial cable coupled to the laptop computer; and~~
- a wireless modem coupled to the laptop computer ~~serial cable~~, the wireless modem including:

a processor;

a memory coupled to the processor, the memory including a software stack to hold instructions to cause the processor to handle a wireless protocol;

a RF transceiver coupled to the processor; and

an interface coupled to the processor, the interface to receive signals from ~~an external device~~ the laptop computer;

wherein the processor is to handle the signals from the laptop computer ~~external device~~ over the interface; and

wherein the processor is further to handle one or more short message service messages ~~delivered over~~ received by the RF transceiver, the short message service messages including modem management information.

51. (Previously Presented) The device of claim 50, wherein said modem management information comprises wireless modem configuration parameters.
52. (Previously Presented) The device of claim 50, wherein said modem management information comprises a command for wireless modem to perform a function stored internally to the wireless modem.
53. (Currently Amended) The device of claim 50, wherein said processor handles the one or more short message service messages received ~~over~~ by the RF transceiver by parsing data from the one or more the short message service messages, testing the parsed data for a modem management command indictor, and processing the

short message service message[[if]] when the modem management command indicator is detected.

54. (Previously Presented) The device of claim 50, wherein said wireless protocol comprises a global system for mobile communications protocol.

55. (Previously Presented) The device of claim 50, wherein said wireless protocol comprises a general packet radio services protocol.

56. (Currently Amended) A device comprising:

[[A]] a data structure embodied in a ~~device-readable~~ computer-readable medium comprising:

a short message service message, the short message service message including modem management information, wherein the modem management message includes program code that can execute on a wireless modem.

57. (Cancelled)

58. (Currently Amended) The ~~data structure~~ device of claim 56, wherein said device-readable medium comprises a data storage medium.

59. (Currently Amended) The ~~data structure~~ device of claim 56, wherein said modem management information comprises wireless modem configuration parameters.

60. (Currently Amended) The ~~data structure~~ device of claim 56, wherein said modem management information comprises a command for wireless modem to perform a function stored internally to the wireless modem.

61. (New) The device of claim 56, wherein the computer-readable medium comprises a memory.
62. (New) The storage medium of claim 41, wherein the storage medium comprises a memory.